

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A drive device of an ultrasonic linear motor in which a rail and a base body are driven movably relative to one another by a driving part interposed between the rail and the base body, the driving part comprising:

at least a ~~left-right~~ pair of right and left rollers making contact with side faces of the rail;

at least a ~~left-right~~ pair of right and left ultrasonic vibrators for applying a turning force individually to each of the pair of right and left rollers; and

an urging means for urging member that urges the ultrasonic vibrators and the rollers toward the side faces of the rail,

wherein each of the pair of right and left ultrasonic vibrators is comprised of a piezoelectric device and a vibrating elastic member integrally affixed to the piezoelectric device, and each of the pair of right and left rollers is adapted to be turned by vibration of the respective elastic member.

2. (Currently Amended) [[A]] The drive device according to claim 1, wherein the ultrasonic vibrators and the rollers and the urging ~~means~~ member are received en bloc in a holding frame and are fitted to the base body via the holding frame, and the rollers are removably mounted to the holding frame.

3. (Currently Amended) [[A]] The drive device according to claim 1, wherein the rail has an upper face for bearing the load of the base body and sloping side faces formed on [[its]] left and right side faces thereof, the base body has opposing faces facing the sloping side

faces, and the rail is gripped by the rollers and a bottom face of the base body, the rollers being
~~which are~~ mounted on the opposing faces and ~~[[make]]~~ making contact with the sloping side
faces of the rail , ~~and a bottom face of the base body.~~

4. (New) The drive device according to claim 1, wherein each of the pair of right and left ultrasonic vibrators and each of the pair of right and left rollers are supported by a holder member disposed on the base body, the holder member being urged by the urging member toward the side faces of the rail.

5. (New) An ultrasonic linear motor, comprising:
a rail;
a base body; and
a driving part interposed between the rail and the base body, said driving part movably driving the rail and the base body relative to one another, the driving part comprising:
at least a pair of right and left rollers making contact with side faces of the rail;
at least a pair of right and left ultrasonic vibrators for applying a turning force individually to each of the pair of right and left rollers; and
an urging member that urges the ultrasonic vibrators and the rollers toward the side faces of the rail,
wherein each of the pair of right and left ultrasonic vibrators is comprised of a piezoelectric device and a vibrating elastic member integrally affixed to the piezoelectric device,

and each of the pair of right and left rollers is adapted to be turned by vibration of the respective elastic member.

6. (New) The ultrasonic linear motor according to claim 5, wherein the ultrasonic vibrators and the rollers and the urging member are received en bloc in a holding frame and are fitted to the base body via the holding frame, and the rollers are removably mounted to the holding frame.

7. (New) The ultrasonic linear motor according to claim 5, wherein the rail has an upper face for bearing the load of the base body and sloping side faces formed on left and right side faces thereof, the base body has opposing faces facing the sloping side faces, and the rail is gripped by the rollers and a bottom face of the base body, the rollers being mounted on the opposing faces and making contact with the sloping side faces of the rail.

8. (New) The ultrasonic linear motor according to claim 5, wherein each of the pair of right and left ultrasonic vibrators and each of the pair of right and left rollers are supported by a holder member disposed on the base body, the holder member being urged by the urging member toward the side faces of the rail.

9. (New) The ultrasonic linear motor according to claim 5, wherein the base body is movably supported on an upper surface of the rail by bearings disposed on a bottom face of the base body.